

ABSTRACT OF THE DISCLOSURE

After identification of an image or image area where correction is to be effected for red-eye defects, and identification of eye regions within the image or the image area, color data from the area is provided, collected or analyzed according to color channel information. The color channel information may be defined for specific or collections of wavelength values or color content values, usually with at least two channels, up to four or more color channels used to carry all of the information (and with digital images, pixel information) for each color. By using color channel information, local color content information can be readily accessed and evaluated, and after the exact nature or degree of a red-eye effect is determined from evaluation of the color channel information, the data may be readily corrected by a number of different techniques. Templates of colors and/or templates for features (such as glint, pigmentation, or artistic features) may be added to identified regions to be corrected for red-eye